SOUTH PRODUCTION NOTES

January 14, 2015 7-3 Shift Notes

BASF EMPLOYEES

51 Last Recordable 566 Last Lost Time

187 Days To RC Audit

Be sure to check weigh all bags off of the calciners and fill out the log sheet downstairs by the scale and Attach "Packaged By" label with your initials.

#1 MED / AI 3945:

Continue. Regulator has been replaced as well as the flange underneath the vacumax.

Midnight shift: Restarted line. Continued to run.

Day shift:

Afternoon shift: Will plan to restart line on midnight shift

#1 RC / AI 3945 next:

Down until material can be checked(brown specs). Also, the scale in the control room is not reading the same as the discharge scale for #1 RC.

Midnight Shift: Continued until we noticed brown specs in the material. Also see above for scale issues.

Day shift:

Afternoon shift: Feeding, continue

Exhaust to Trimer

#2 MED line / Cu-0860:

Get all dried samples to the lab.

Midnight shift: On hold.

Day Shift:

Afternoon Shift: Holding until day shift Wednesday. Justin plans to have engineers from Beachwood to watch batches and assist with issues.

#2 RC/ Cu 0860:

Continue. Feed all bags on the floor in the order specified (written on them) when we start back up.

Midnight shift: Continued.

Day Shift:

Afternoon Shift: Continue feeding available bags

Exhaust to F1

#3 MED/ D-1780 NAQ:

Continue until the new barrel liners come in.

Midnight shift: On hold(too many bags on the floor).

Day Shift:

Afternoon Shift: Hold until bag count drops (too many on floor)

#3 RC / D 1780 NAQ:

Continue to feed. Use NAQ SAP SHEETS in MOD binder

Midnight shift: Continued.

Day shift:

Afternoon Shift: Continue

Exhaust to CTO

#4 RC / D-0222 KLP:

Continue feeding. Trimer exhaust valve is opened manually.

Midnight shift: Continued.

Day Shift:

Afternoon Shift: Continue

Exhaust to Trimer

#5 RC / Cu-0559:

We need to get a surface area from every bag that comes off the calciner. Cu-0559 is the same as Cu-0539, but with a different SA/temperature. Waiting for results from 5B material. Now using 120 bag @1000 lbs

Midnight Shift: Continued to feed the last two refire bags.

Day shift:

Afternoon shift: Continue feeding last two refire bags (one hanging over hopper, one on floor next to hopperas of 9:30 pm Tuesday), then STOP until morning. Bodmann will instruct what to do next on Wednesday

Exhaust to 5 DC

#6 RC & Dryer / D-0257

Use Auto Sampler for bags, and get additional grab sample for each bag. Keep feed rate around 250.

Midnight shift: Continued.

Day Shift:

Afternoon shift: Continue, keep buggies moving

Exhaust to Sly Scrubber

6 Tank /D-5253 empty

Continue. Drain looked at by Schirmer and Lucas- not fixed yet

Acid washed 1-1-15 - MT 1-2-15

Midnight Shift: NA Day Shift: NA Afternoon shift: NA

New Pfaudler / D-0222:

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Follow MOD for D-0222, use SPG to calculate solution.

Midnight Shift: Continued. Batch made.

Day Shift:

Afternoon Shift: Not running afternoon, make batch midnight

7 Tank KLP solution:

Eliott advised that radar gauge on tank is not working. Will need repaired.

Midnight Shift: Monitored tank.

Day Shift:

Afternoon shift: Monitor temp and tank level

Old Pfaudler / D-0257:

See the MOD for special instructions for the lot 9 1708 material that was brought in. Continue, rental DI water unit delivered and installed on Saturday for pfaudler and #3 mixer. You will not be able to pump the water using the RO unit pump...water will deliver by city water pressure, so it will be slower. NOTE: Be sure to sample drainage from each batch made on east pfaudler for D 0257 batches.

Midnight Shift: Continued.

Day Shift:

Afternoon shift: Continue with batch

National Dryer:

Running.

Midnight Shift: No material to feed.

Day shift:

Afternoon Shift: Continue as material available

PK Blender 3917 Pill Mix:

Starting 3917 pillmix

Midnight Shift: On hold(manpower).

Day shift:

Afternoon shift: Continue afternoon shift. Work orer written for south garage

overhead door (stopped operating).

Abbe Blender / 5206 Done

Done for a while. Area Cleaned

Midnight shift: NA Day shift: NA Afternoon shift: NA

Tower 3 / Cu 0860: Waiting for gaskets.

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Midnight Shift: On hold for gaskets.

Day shift:

Afternoon shift: See above

Tower 6 / Pd 1930:

Waiting for gaskets

Midnight Shift: Loaded. Having issues with hydrogen(Grodecki notified).

Day shift:

Afternoon shift: Continue, however having issues with upper gas sampler and the water/oil drain line plugging. Will try to get through this load and re-evaluate when to start up again.

North Screener / Cu-0860:

Run as alcohol permits. Heater in the screening room not working well.

Midnight shift: On hold(manpower).

Day shift:

Afternoon shift: Running afternoon but may not be able to on midnights due to alcohol issue (too cold, difficult to pump)

South Screener / Cu-0860:

Run as alcohol permits. Heater in the screening room not working well.

Midnight shift: On hold(manpower).

Day shift:

Afternoon Shift: Running afternoon but may not be able to on midnights due to alcohol issue (too cold, difficult to pump)

#2662 (west) Pill Machine / next up Al-3917 T 3/16":

Cleaning and changing to 3917- Sump repaired 1-12-15 & Air pump hooked up for backup.

Midnight shift: Continued clean up/change over.

Day Shift:

Afternoon shift: Continued clean up/change over.

#2664 (east) Pill Machine / next up Al-3917 T 3/16":

Cleaning and changing to 3917

Midnight shift: Running.

Day Shift:

Afternoon shift:

TK #2 / V 2046/V 2010:

Down for now. Will need to be switched to V-2010 Saggers

Midnight shift: NA

Day Shift:

Afternoon shift: NA

TK #4 / Cu 2508:

Continue. Putting full size sagger on the bottom and the half sagger on top

Midnight shift: Continued.

Day Shift:

Afternoon shift: Continue

Harrop Kiln / Al 3920:

Al 3920 - 90 min Cart- operator must keep area cleaned

Midnight shift: Down and on hold for maintenance.

Day Shift:

Afternoon shift: Down

Building 27 Belt Filter / 5020:

There are more 116 bags in bldg now.

Midnight shift: Continued. Should be finishing last strike at the end of midnight

shift.

Day shift:

Afternoon Shift: Continue. Get to batch #35, then stop for clean-up and change-

over to 6081. Jeff Lewis will update on Wednesday morning

Priorities:

Priorities 1 through 12 are basically all the same priority, should be considered urgent and will require call outs for maint issues and/or processing issues.

- 1) East Pfaudler/HC-11 Dryer/#6 RC/Sly
- 2) #3 MED/#3RC/CTO
- 3) South Precip
- 4) #2 Line/#2RC
- 5) West Pfaudler/National Dryer/#4 RC/Trimer

- 6) #1 Line/#1RC
- 7) South PK
- 8) #5 RC
- 9) #4 Tunnel Kiln
- 10) Reduction Towers
- 11) Reduction Tower Screeners
- 12) Harrop Kiln
- 13) Horne Tabletting Machines

Al-3915 and Al-3920 continue to move up the list, we are projecting to be late to our commitment to Seneca in delivering the AL-3920 by year end.

In reviewing their plan, we can be ~1 week late at most before it affects them, which in turn affects when the material returns for reduction, which places the burden on us to still meet the QVAM ship date.

Projected end date on the Al-3920 T is showing as Jan 6th.

Maintenance & Other